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## Patent Abstracts of Japan

PUBLICATION NUMBER : 56098079  
 PUBLICATION DATE : 07-08-81

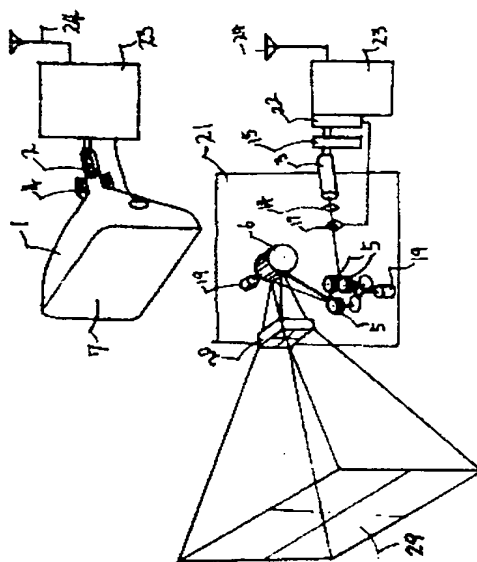
APPLICATION DATE : 08-01-80  
 APPLICATION NUMBER : 55000662

APPLICANT : ISHIKAWA TOSHIO;

INVENTOR : ISHIKAWA TOSHIO;

INT.CL. : H04N 3/08

TITLE : LASER TELEVISION



ABSTRACT : PURPOSE: To obtain freely a projection picture screen and then realize the simultaneousness of TV and the force of movie for the picture, by forming the image of picture with one or plural number of laser tubes a horizontal scan mirror wheel group and a vertical scan group.

CONSTITUTION: The laser tube light emission maintaining circuit 15 is provided to the laser tube 3 to secure a sufficient emission of light, and at the same time the lens system 12 is put in front of the tube 15 to press tight the laser beam. The combination scan of two mirror wheel groups. For the horizontal scan mirror wheel 5, 10 turns are given in a minute to the 9-face mirror wheel  $\times$  15-face mirror wheel  $\times$  14-face mirror wheel. In the vertical scan, 60 turns are given in a minute to the 60-face mirror wheel in the same way. Then the optical lens system is provided to project the scanned laser beam onto an optional screen. Finally the laser tube, the lenses and the mirror wheels are put into a dustless box for easier care.

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